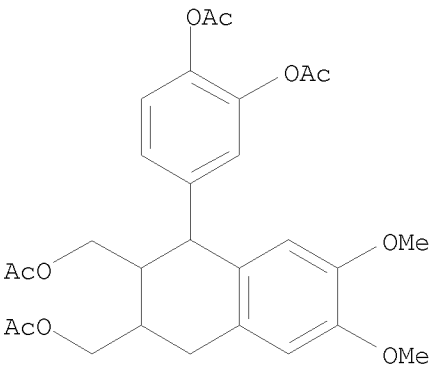
L5 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2009 ACS on STN
RN 26194-60-5 REGISTRY
ED Entered STN: 16 Nov 1984
CN 2,3-Naphthalenedimethanol, 1α-(3,4-dihydroxyphenyl)-
    1,2α,3β,4-tetrahydro-6,7-dimethoxy-, tetraacetate (8CI) (CA
    INDEX NAME)
OTHER NAMES:
CN **Isotaxiresinol 6-methyl ether tetraacetate**
MF C28 H32 O10
LC STN Files: BEILSTEIN*, CA, CAPLUS
        (*File contains numerically searchable property data)

Currently available stereo shown.

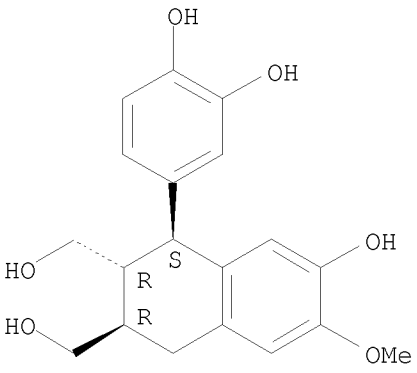


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

              1 REFERENCES IN FILE CA (1907 TO DATE)
              1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2009 ACS on STN
RN 26194-57-0 REGISTRY
ED Entered STN: 16 Nov 1984
CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-
    hydroxy-6-methoxy-, (1S,2R,3R)- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-
    hydroxy-6-methoxy-, (1α,2β,3α)-
CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-
    hydroxy-6-methoxy-, stereoisomer (8CI)
OTHER NAMES:
CN **(+)-Isotaxiresinol**
CN **Isotaxiresinol**
FS STEREOSEARCH
MF C19 H22 O6
LC STN Files: AGRICOLA, BEILSTEIN*, BIOSIS, CA, CAPLUS, CHEMCATS, IPA,
      NAPRALERT, TOXCENTER, USPATFULL
        (*File contains numerically searchable property data)

Absolute stereochemistry. Rotation (-).

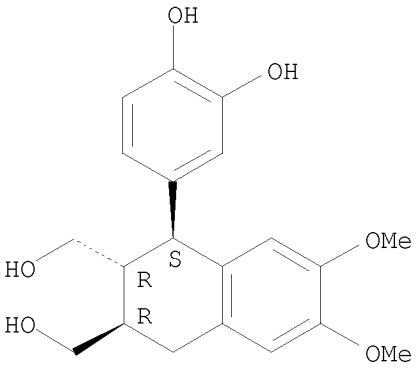


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

35 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
35 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2009 ACS on STN
RN 23141-17-5 REGISTRY
ED Entered STN: 16 Nov 1984
CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-6,7-dimethoxy-, (1α,2β,3α)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 2,3-Naphthalenedimethanol, 1α-(3,4-dihydroxyphenyl)-1,2α,3β,4-tetrahydro-6,7-dimethoxy- (8CI)
OTHER NAMES:
CN **Isotaxiresinol 6-methyl ether**
FS STEREOSEARCH
MF C20 H24 O6
LC STN Files: BEILSTEIN*, BIOSIS, CA, CAPLUS
(*File contains numerically searchable property data)

Relative stereochemistry.
Currently available stereo shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

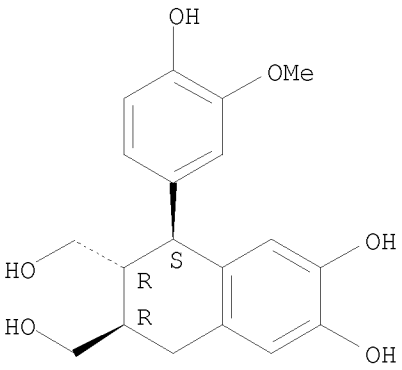
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s demethylisolariciresinol
L6 2 DEMETHYLISOLARICIRESINOL

=> d 1-2

L6 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2009 ACS on STN
RN 349150-66-9 REGISTRY
ED Entered STN: 27 Jul 2001
CN 2,3-Naphthalenedimethanol, 1,2,3,4-tetrahydro-6,7-dihydroxy-1-(4-hydroxy-3-methoxyphenyl)-, (1S,2R,3R)- (CA INDEX NAME)
OTHER NAMES:
CN **(-)-3-Demethylisolariciresinol**
FS STEREOSEARCH
MF C19 H22 O6
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry. Rotation (-).

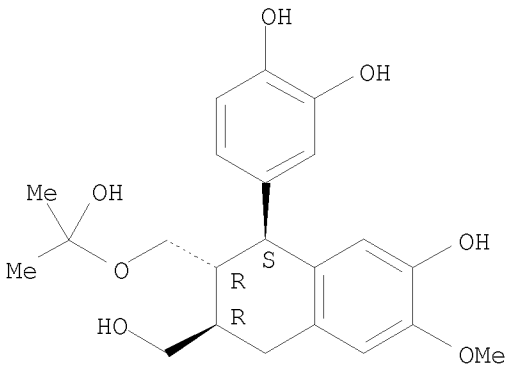


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

6 REFERENCES IN FILE CA (1907 TO DATE)
6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2009 ACS on STN
RN 349150-65-8 REGISTRY
ED Entered STN: 27 Jul 2001
CN 1,2-Benzenediol, 4-[(1S,2R,3R)-1,2,3,4-tetrahydro-7-hydroxy-3-(hydroxymethyl)-2-[(1-hydroxy-1-methylethoxy)methyl]-6-methoxy-1-naphthalenyl]- (CA INDEX NAME)
OTHER NAMES:
CN **(-)-3'-Demethylisolariciresinol-9'-hydroxyisopropyl ether**
FS STEREOSEARCH
MF C22 H28 O7
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry. Rotation (-).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

5 REFERENCES IN FILE CA (1907 TO DATE)
5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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SAMPLE SCREEN SEARCH COMPLETED - 230 TO ITERATE

100.0% PROCESSED 230 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

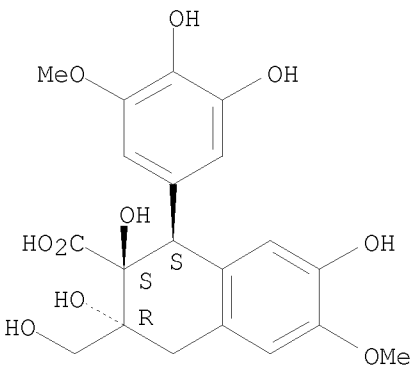
FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 3691 TO 5509
PROJECTED ANSWERS: 1 TO 80

L8 1 SEA SSS SAM L7

=> d

L8 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN
RN 19856-53-2 REGISTRY
ED Entered STN: 16 Nov 1984
CN 2-Naphthalenecarboxylic acid, 1-(3,4-dihydroxy-5-methoxyphenyl)-1,2,3,4-tetrahydro-2,3,7-trihydroxy-3-(hydroxymethyl)-6-methoxy-, monopotassium salt, [1S-(1α,2α,3β)]- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 2-Naphthoic acid, 1-(3,4-dihydroxy-5-methoxyphenyl)-1,2,3,4-tetrahydro-2,3,7-trihydroxy-3-(hydroxymethyl)-6-methoxy-, monopotassium salt, (1S,2S,3R)- (8CI)
CN Plicatic acid, potassium salt (6CI)
FS STEREOSEARCH
DR 23486-98-8
MF C20 H22 O10 . K
LC STN Files: BEILSTEIN*, CA, CAPLUS, TOXCENTER
(*File contains numerically searchable property data)
CRN (16462-65-0)

Absolute stereochemistry.



● K

3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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100.0% PROCESSED     4362 ITERATIONS                                 13 ANSWERS
SEARCH TIME: 00.00.01

L9           13 SEA SSS FUL L7

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COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                     584.96     585.18

FILE 'CAPLUS' ENTERED AT 09:37:00 ON 22 MAY 2009
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FILE COVERS 1907 - 22 May 2009  VOL 150 ISS 22
FILE LAST UPDATED: 21 May 2009  (20090521/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED:  Feb 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE:  Feb 2009
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CAplus now includes complete International Patent Classification (IPC)
reclassification data for the third quarter of 2008.

CAS Information Use Policies apply and are available at:

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This file contains CAS Registry Numbers for easy and accurate

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L10         82 L9

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                  ("BONE" OR "BONES")
          36528 "RESORPTION"
           1053 "RESORPTIONS"
          37399 "RESORPTION"
                  ("RESORPTION" OR "RESORPTIONS")
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                  ("BONE" OR "BONES")
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          37399 "RESORPTION"
                  ("RESORPTION" OR "RESORPTIONS")
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                  ("BONE"(W)"RESORPTION")
         249972 "BONE"
          25462 "BONES"
         257144 "BONE"
                  ("BONE" OR "BONES")
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         317869 "DISEASES"
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                  ("DISEASE" OR "DISEASES")
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                  ("BONE"(W)"DISEASE")
         249972 BONE
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=> s l10 and (isotaxiresionol or taxus or yunnanesis or taxus chinenesis or chinese
yew or isolariciresinol or taxus baccata or english yew or yew)
              0 ISOTAXIRESIONOL
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            19 YUNNANESIS
          3014 TAXUS
            14 CHINENESIS
             1 TAXUS CHINENESIS
                 (TAXUS(W)CHINENESIS)
        119204 CHINESE
            32 CHINESES
        119227 CHINESE
                 (CHINESE OR CHINESES)
          1854 YEW
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            51 CHINESE YEW
                 (CHINESE(W)YEW)
           250 ISOLARICIRESINOL
          3014 TAXUS
           827 BACCATA
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                 (TAXUS(W)BACCATA)
         12830 ENGLISH
          1854 YEW
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          1864 YEW
                 (YEW OR YEWS)
            13 ENGLISH YEW
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          1854 YEW
            42 YEWS
          1864 YEW
                 (YEW OR YEWS)
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               SH YEW OR YEW)

=> focus
PROCESSING COMPLETED FOR L12
L13          32 FOCUS L12 1-

=> d ibib abs hitstr 1-32

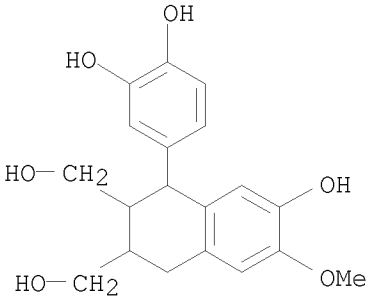
L13  ANSWER 1 OF 32  CAPLUS  COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER:        1952:54579  CAPLUS
DOCUMENT NUMBER:         46:54579
ORIGINAL REFERENCE NO.:  46:9086b-i,9087a-b
TITLE:                   Isotaxiresinol (3'-dimethylisolariciresinol), a new
                         lignan extracted from the heartwood of the
                         English yew, Taxus
                         baccata
AUTHOR(S):               King, F. E.; Jurd, L.; King, T. J.
CORPORATE SOURCE:        Univ. Nottingham, UK
SOURCE:                  Journal of the Chemical Society (1952) 17-24
                         CODEN: JCSOA9; ISSN: 0368-1769
DOCUMENT TYPE:           Journal
LANGUAGE:                Unavailable
OTHER SOURCE(S):         CASREACT 46:54579
GI   For diagram(s), see printed CA Issue.
AB   The heartwood (I) of the English yew (Taxus
     baccata) (1000 g.) was boiled 3 times (each 2 h.) with H2O, the
     extract concentrated, the filtrate from the dark brown resinous precipitate
(II) extracted 7
```

times with ether, and the residue from the ether boiled with AcOEt, giving 5.4 g. isotaxiresinol (III), m. 171°; II becomes partly crystalline when treated with 40% AcOH and, crystallized from 2 N aqueous AcOH, gives an addnl. 3 g. of III (total yield, 1% of undried I). I (200 g.), extracted 2 days with ether, and the oily residue from the extract refluxed with petr. ether and crystallized from AcOEt, gives 0.4 g. III; no evidence of an isomer of III was obtained. With Me_2SO_4 in 2 N NaOH at 60° (final heating for 10 min. on a steam bath), III yields the tri-Me ether (IV) (**isolariciresinol** dl-Me ether), m. 167-8°, $[\alpha]D^{18}$ 19° ($CHCl_3$) (Haworth and Kelly, C.A. 31, 3930.7). III (1 g.), 5 cc. EtI, and 20 cc. Me_2CO containing 2 g. anhydrous K_2CO_3, refluxed 30 h., give 0.75 g. of the tri-Et ether (V), m. 140°. IV (0.2 g.) and 0.8 g. $KHSO_4$, heated 0.5 h. at 180-90°, give anhydroisotaxiresinol tri-Me ether (anhydroisolariciresinol di-Me ether), m. 149.5° the corresponding tri-Et ether m. 132.5-3° (diacetate, m. 89.5°; dibenzoate, m. 125°). Oxidation of V with HNO_3 gives 4,5,1,2-$(O_2N)_2C_6H_2(OEt)_2$; 0.2 g. IV yields 0.04 g. 4,5,1,2-$(O_2N)_2C_6H_2(OMe)_2$. V (0.35 g.) in 40 cc. boiling Me_2CO, treated (2 h.) with 1.5 g. powdered $KMnO_4$, gives 2-(3,4-diethoxybenzoyl)-4-ethoxy-5-methoxybenzoic acid (VI), m. 173° (Me ester, m. 111°); VI results also on refluxing V with $K_2Cr_2O_7$ in AcOH (3 h.). The structure of VI was established by the following synthesis. 3,4-$(HO)_2C_6H_3CHO$ (13.8 g.), slowly treated (10 min.) with 38.5 g. Et_2SO_4 and 18.4 g. KOH in 50 cc. H_2O, gives 79% 3,4-$(EtO)_2C_6H_3CHO$ (VII), b. 280-2° (semicarbazone, pale yellow, m. 175°). VII (33 g.) with 43 g. $KMnO_4$ in 800 cc. H_2O (boiled 5 min.) gives 88% 3,4-$(EtO)_2C_6H_3CO_2H$, m. 166-7° (amide, m. 183.5°). 4,3-EtO(MeO)C_6H_3Me (5.45 g.) and 7.5 g. 3,4-$(EtO)_2C_5HCOCl$ (VIII) in 30 g. $PhNO_2$ (ice bath), treated (10 min.) with 11.1 g. $AlCl_3$ and kept overnight, give 40% 3',4',5-triethoxy-4-methoxy-3-methylbenzophenone, m. 115°; this is not oxidized by $KMnO_4$; CrO_3 in AcOH (with or without H_2SO_4) gives 3,6,7-triethoxy-2-methoxyanthraquinone (IX), bright yellow, m. 225°, and a small quantity of an unidentified acid; $K_2Cr_2O_7$ in boiling 75% AcOH gives a small quantity of IX, an alkali-insol. compd, m. 152°, and a small yield of an acid, probably VI, but difficult to purify. 4,3-EtO(MeO)C_4H_3CHO (25 g.) and 35 g. $CH_2(CO_2H)_2$ in 50 cc. C_5H_5N and 2.5 cc. piperidine, heated 1 h. on a steam bath and refluxed 15 min., the acid in N NaOH reduced with 700 g. 3% Na-Hg, and the product (28 g.) esterified with MeOH-HCl (refluxed 15 h.), give 27 g. Me β-(4-ethoxy-3-methoxyphenyl)propionate (X), m. 37-8°. X and $N_2H_4.H_2O$, heated 3 h. on the steam bath, give the hydrazide m. 123°; this yields 4,3-EtO(MeO)$C_6H_3CH_2NH_2$ (XI). XI (4 g.) in 10 cc. C_5H_5N, gradually treated with 5.2 g. VIII in 25 cc. C_6H_6 and heated 15 min. on the steam bath, gives 86% 3,4-diethoxy-N-(4-ethoxy-3-methoxyphenethyl)benzamide (XII), m. 148.5°. XII (7.5 g.), 15 g. $POCl_3$, and 30 cc. PhMe, refluxed 2 h., give the HCl salt, yellow, m. 123°, of 1-(3,4-diethoxyphenyl)-7-ethoxy-3,4-dihydro-6-methoxyisoquinoline, pale brown, m. 115-15.5°, 82%; methiodide (XIII), with 0.5 mol. H_2O, yellow, m. 192°. XIII (2 g.) in 12 cc. MeI, shaken 1.5 h. with 80 cc. N NaOH at room temperature, gives a nearly quant. yield of [2-(3,4-diethoxybenzoyl)-4-ethoxy-5-methoxyphenethyl]trimethylammonium iodide (XIV), m. 159° (picrate, yellow, m. 171.5°). XIV (1.8 g.) in 50 cc. 2 N NaOH, heated 15 min. on a steam bath, gives 56% 3β,4β,5-triethoxy-4-methoxy-2-vinylbenzophenone (XV), m. 118-18.5°. Oxidation of XV with $KMnO_4$ in Me_2CO gives VI; VI with concentrated H_2SO_4 yields IX. I (1200 g.), extracted twice with cold petr. ether and twice with ether, and the dried residue extracted twice with cold H_2O, gives 2.5 g. III; the filtrate from the III yields

0.51 g. (0.04%) of sequoyitol, m. 237° (Sherrard and Kurth, C.A. 23, 5469). Color reactions indicate the absence of flavones, flavanones, and flavonolones in I.

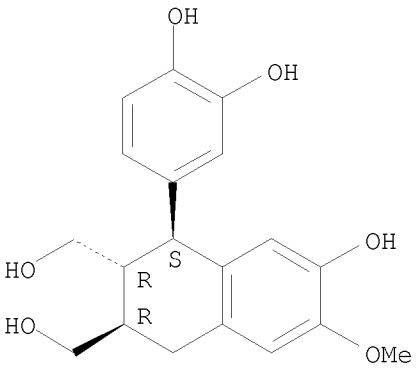
IT **477-72-5P**, 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-
26194-57-0P, Isotaxiresinol
RL: PREP (Preparation)
(preparation of)

RN 477-72-5 CAPLUS
CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-hydroxy-6-methoxy- (CA INDEX NAME)



RN 26194-57-0 CAPLUS
CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-, (1S,2R,3R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



L13 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1973:111031 CAPLUS
DOCUMENT NUMBER: 78:111031
ORIGINAL REFERENCE NO.: 78:17819a,17822a
TITLE: Taxiresinol, a new lignan in the heartwood of **Taxus baccata**
AUTHOR(S): Mujumdar, R. B.; Srinivasan, R.; Venkataraman, K.
CORPORATE SOURCE: Natl. Chem. Lab., Poona, India
SOURCE: Indian Journal of Chemistry (1972), 10(7), 677-80
CODEN: IJOCAP; ISSN: 0019-5103
DOCUMENT TYPE: Journal
LANGUAGE: English
GI For diagram(s), see printed CA Issue.

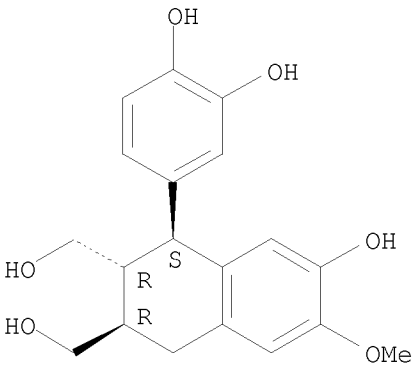
AB A new Lignan, taxiresinol (I) was isolated from Indian **Taxus baccata**, in addition to the known isotaxiresinol (II) and 3,4-MeO(HO)C6H3-CH2CH(CH2OH)CH(CH2OH)CH2-C6H3(OH)OMe-4,3 (secoisolariciresinol) (III). Crystalline acetonides were prepared from the latter two lignans by treatment of acetone solns. with anhydrous copper sulfate, but III gave 3,4-divanillytetrahydrofuran (IV), isolated earlier from Picea excelsa, when copper sulfate is replaced by perchloric acid. The structure (I) is supported by NMR and mass spectral data.

IT **26194-57-0**
RL: BOC (Biological occurrence); BSU (Biological study, unclassified); BIOL (Biological study); OCCU (Occurrence)
(of **Taxus baccata**)

RN 26194-57-0 CAPLUS

CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-, (1S,2R,3R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



L13 ANSWER 3 OF 32 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1994:529988 CAPLUS

DOCUMENT NUMBER: 121:129988

ORIGINAL REFERENCE NO.: 121:23393a,23396a

TITLE: A lignan from needles of Himalayan **Taxus baccata**

AUTHOR(S): Das, B.; Takhi, M.; Srinivas, K. V. N. S.; Yadav, J. S.

CORPORATE SOURCE: Org. Chem. Div.-I, Indian Inst. Chem. Technol., Hyderabad, 500 007, India

SOURCE: Phytochemistry (1994), 36(4), 1031-3
CODEN: PYTCAS; ISSN: 0031-9422

DOCUMENT TYPE: Journal

LANGUAGE: English

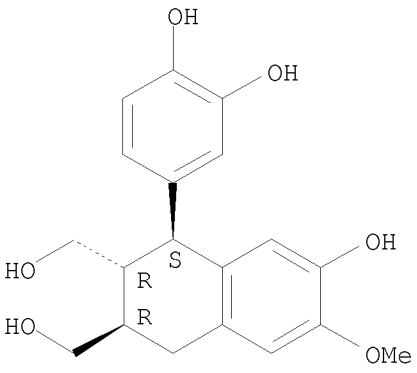
AB A new lignan, 4-O-methyl-3'-O-demethyl-(-)-secoisolariciresinol, was isolated from the needles of Himalayan **yew**, **Taxus baccata**. The structure of the compound was established from its spectral data and chemical reactions.

IT **26194-57-0**, Isotaxiresinol
RL: BIOL (Biological study)
(from **Taxus baccata**)

RN 26194-57-0 CAPLUS

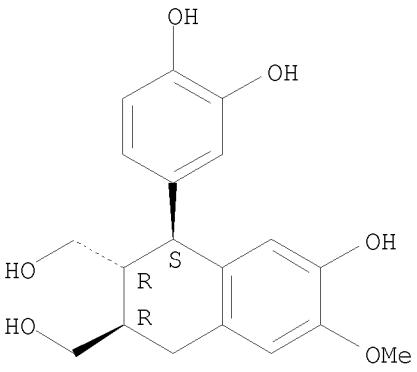
CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-, (1S,2R,3R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



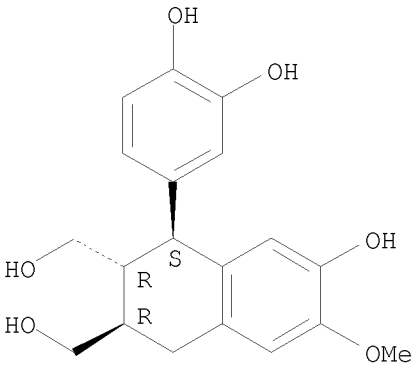
L13 ANSWER 4 OF 32 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2000:780181 CAPLUS
DOCUMENT NUMBER: 135:270031
TITLE: Studies on the Himalayan **yew Taxus** wallichiana: part VII - the taxoids and phenolic constituents of the roots of **Taxus** wallichiana. [Erratum to document cited in CA131:308822]
AUTHOR(S): Chattopadhyay, S. K.; Kulshrestha, M.; Tripathi, V.; Saha, G. C.; Sharma, R. P.; Mehta, V. K.
CORPORATE SOURCE: Central Institute of Medicinal and Aromatic Plants, Lucknow, 226 015, India
SOURCE: Indian Journal of Chemistry, Section B: Organic Chemistry Including Medicinal Chemistry (2000), 39B(7), 562
CODEN: IJSBDB; ISSN: 0376-4699
PUBLISHER: National Institute of Science Communication, CSIR
DOCUMENT TYPE: Journal
LANGUAGE: English
AB The structure published on page 701 is in error; the correct structure is given.
IT **26194-57-0**, Isotaxiresinol
RL: BOC (Biological occurrence); BSU (Biological study, unclassified); BIOL (Biological study); OCCU (Occurrence)
(from roots of **Taxus** wallichiana (Erratum))
RN 26194-57-0 CAPLUS
CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-, (1S,2R,3R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



L13 ANSWER 5 OF 32 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1999:580819 CAPLUS
DOCUMENT NUMBER: 131:308822
TITLE: Studies on the Himalayan **yew Taxus** wallichiana: part VII - the taxoids and phenolic constituents of the roots of **Taxus** wallichiana
AUTHOR(S): Chattopadhyay, S. K.; Kulshrestha, M.; Tripathi, V.; Saha, G. C.; Sharma, R. P.; Mehta, V. K.
CORPORATE SOURCE: Central Institute of Medicinal and Aromatic Plants, Lucknow, 226 015, India
SOURCE: Indian Journal of Chemistry, Section B: Organic Chemistry Including Medicinal Chemistry (1999), 38B(6), 701-704
CODEN: IJSBDB; ISSN: 0376-4699
PUBLISHER: National Institute of Science Communication, CSIR
DOCUMENT TYPE: Journal
LANGUAGE: English
AB The systematic investigation on the roots of **Taxus** wallichiana has resulted in the isolation of nine taxoids - taxol, baccatin III, baccatin IV, taxusin, a C-14 oxygenated taxoid, 5,1β-hydroxybaccatin I, pentaacetoxy taxadiene, a dibenzoylated rearranged taxoid, 7-xylosyl-10-deacetyl-taxol C and three phenolic compds. (-)-seco-**isolariciresinol**, taxiresinol and isotaxiresinol. The compds. have been characterized on the basis of their spectral characteristics. The occurrence of taxoid 9 in the roots of the plant is quite significant. The distribution of the above compds. in other parts of the plant are also summarized.
IT **26194-57-0**, Isotaxiresinol
RL: BOC (Biological occurrence); BSU (Biological study, unclassified); BIOL (Biological study); OCCU (Occurrence)
(from roots of **Taxus** wallichiana)
RN 26194-57-0 CAPLUS
CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-, (1S,2R,3R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



REFERENCE COUNT: 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 6 OF 32 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1994:27463 CAPLUS
DOCUMENT NUMBER: 120:27463
ORIGINAL REFERENCE NO.: 120:5093a,5096a

TITLE: Phenolics from needles of Himalayan **Taxus baccata**

AUTHOR(S): Das, B.; Takhi, M.; Srinivas, K. V. N. S.; Yadav, J. S.

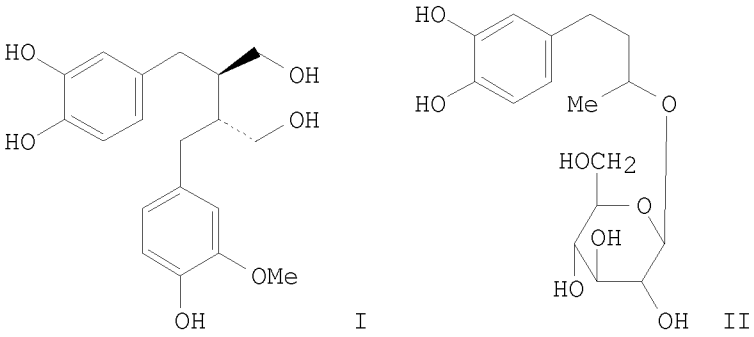
CORPORATE SOURCE: Org. Chem. Div. I, Indian Inst. Chem. Technol., Hyderabad, 500 007, India

SOURCE: Phytochemistry (1993), 33(6), 1489-91
CODEN: PYTCAS; ISSN: 0031-9422

DOCUMENT TYPE: Journal

LANGUAGE: English

GI



I II

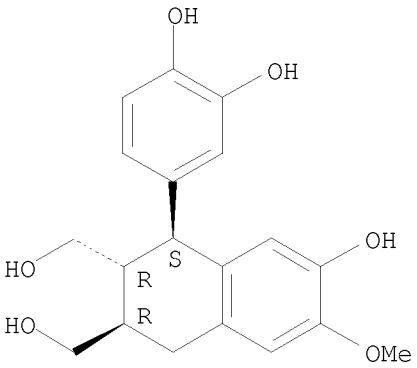
AB Chemical investigation on the needles of the Himalayan **yew** resulted in the isolation of several phenolic compds., including 3-demethyl-(-)-secoisolariciresinol (I), a new lignan, and taxuside (II), a new phenolic glucoside. Th structures of the new compds. were derived from their spectral data and chemical transformations.

IT **26194-57-0**, Isotaxiresinol
RL: BIOL (Biological study)
(from Himalayan **yew** needles)

RN 26194-57-0 CAPLUS

CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-, (1S,2R,3R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



L13 ANSWER 7 OF 32 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2001:398696 CAPLUS

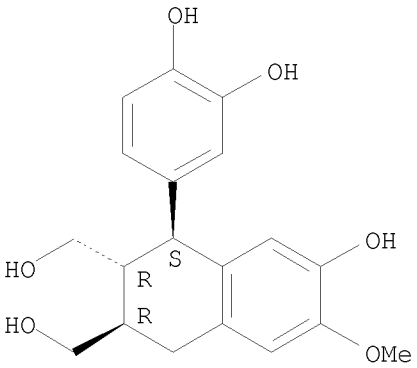
DOCUMENT NUMBER: 135:149914

TITLE: Important phenolic constituents of the Himalayan **Yew Taxus** wallichiana
AUTHOR(S): Chattopadhyay, S. K.; Kulshrestha, M.; Tripathi, V.; Sashidhara, K. V.; Kumar, Sushil
CORPORATE SOURCE: Central Institute of Medicinal and Aromatic Plants, Lucknow, 226 015, India
SOURCE: Journal of Medicinal and Aromatic Plant Sciences (2000), 22(1B), 710-714
CODEN: JMASF6
PUBLISHER: Central Institute of Medicinal and Aromatic Plants
DOCUMENT TYPE: Journal
LANGUAGE: English

AB A systematic chemical investigation of the leaves, stem bark, heartwood and roots of **Taxus** wallichiana has resulted in the isolation of several phenolic compds. i.e. (-) betuligenol, betuloside, (+) catechin, (-) secoisolariciresinol, taxiresinol and isotaxiresinol.

IT **26194-57-0P**, Isotaxiresinol
RL: BOC (Biological occurrence); BSU (Biological study, unclassified); PRP (Properties); PUR (Purification or recovery); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation)
(important phenolic constituents of Himalayan **Yew Taxus** wallichiana)
RN 26194-57-0 CAPLUS
CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-, (1S,2R,3R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).

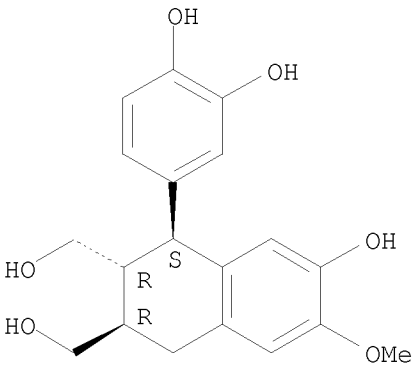


REFERENCE COUNT: 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 8 OF 32 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1997:485598 CAPLUS
DOCUMENT NUMBER: 127:173864
ORIGINAL REFERENCE NO.: 127:33613a,33616a
TITLE: The taxoids and the phenolic constituents of the heartwood of the Himalayan **yew Taxus** wallichiana
AUTHOR(S): Chattopadhyay, S. K.; Kulshrestha, M.; Saha, G. C.; Sharma, R. P.; Jain, S. P.; Kumar, Sushil
CORPORATE SOURCE: Central Institute of Medicinal and Aromatic Plants, Lucknow, 226015, India
SOURCE: Journal of Medicinal and Aromatic Plant Sciences (1997), 19(1), 17-21
CODEN: JMASF6
PUBLISHER: Central Institute of Medicinal and Aromatic Plants

DOCUMENT TYPE: Journal
LANGUAGE: English
AB Four taxoids were isolated from the heartwood of T. wallichiana: taxusin, a C-14 oxygenated taxoid, a dibenzoylated rearranged taxoid,and a rare taxol xyloside derivative Also isolated were 3 lignans: taxiresinol, isotaxiresinol, and (-)-secoisolariciresinol. The absolute stereochem. of (-)-secoisolariciresinol was established by x-ray crystallog.
IT **26194-57-0**, Isotaxiresinol
RL: BOC (Biological occurrence); BSU (Biological study, unclassified); BIOL (Biological study); OCCU (Occurrence)
(taxoids and phenolic constituents of heartwood of **Taxus** wallichiana)
RN 26194-57-0 CAPLUS
CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-, (1S,2R,3R)- (CA INDEX NAME)

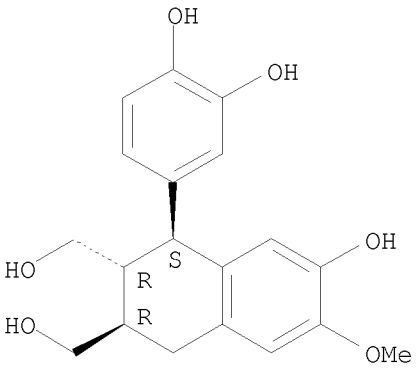
Absolute stereochemistry. Rotation (-).



L13 ANSWER 9 OF 32 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2005:66156 CAPLUS
DOCUMENT NUMBER: 143:149902
TITLE: Constituents from the roots of **Taxus** cuspidata
AUTHOR(S): Kawamura, Fumio; Ohira, Tatsuro; Kikuchi, Yoshinari
CORPORATE SOURCE: Department of Forest Chemistry, Forestry and Forest Products, Research Institute, Tsukuba, 305-8687, Japan
SOURCE: Journal of Wood Science (2004), 50(6), 548-551
CODEN: JWSCFG; ISSN: 1435-0211
PUBLISHER: Springer Tokyo
DOCUMENT TYPE: Journal
LANGUAGE: English
AB The known propelargonidin, afzelechin-(4α→8)-afzelechin (1), the known lignans 7'-hydroxynortrachelogenin (2), epinortrachelogenin (3), nortrachelogenin (4), hydroxymatairesinol (5), allohydroxymatairesinol (6), matairesinol (7), oxomatairesinol (8), and isotaxiresinol (9), and the known taxoids taxinine M (10), taxayuntin (11), and 10-deacetyltaxol (12), and 10-deacetylbaccatin III (13) were isolated from the roots of **Taxus** cuspidata (Japanese **yew**, Taxaceae). The propelargonidin was isolated from **Taxus** spp. for the first time, and was detected in the roots, bark, and twigs.
IT **26194-57-0P**, Isotaxiresinol
RL: BSU (Biological study, unclassified); NPO (Natural product occurrence); PRP (Properties); PUR (Purification or recovery); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation)
(isolation and characterization of constituents from the roots of

Taxus cuspidata)
RN 26194-57-0 CAPLUS
CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-, (1S,2R,3R)- (CA INDEX NAME)

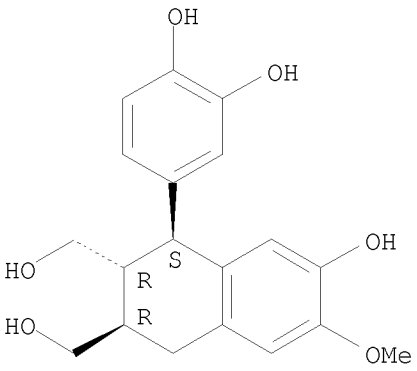
Absolute stereochemistry. Rotation (-).



REFERENCE COUNT: 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

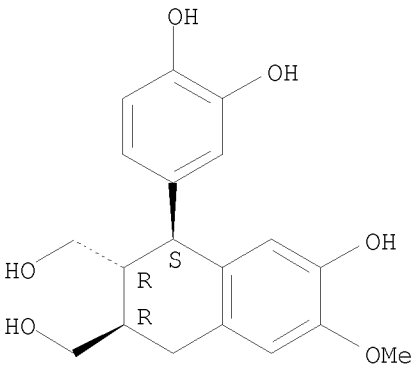
L13 ANSWER 10 OF 32 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1985:565998 CAPLUS
DOCUMENT NUMBER: 103:165998
ORIGINAL REFERENCE NO.: 103:26567a,26570a
TITLE: Constituents of the heartwood of Taiwan **yew**
AUTHOR(S): Liu, Ching Long; Lin, Yuan Chuan; Lin, Yuh Mei; Chen, Fa Ching
CORPORATE SOURCE: Dep. Chem., Natl. Taiwan Univ., Taipei, Taiwan
SOURCE: Taiwan Kexue (1984), 38(3), 119-25
CODEN: TKHSAU; ISSN: 0371-845X
DOCUMENT TYPE: Journal
LANGUAGE: Chinese
AB The heartwood of Taiwan **yew** (**Taxus** mairei) is a folk drug for treating diabetes. From the hexane-soluble part of the MeOH extract of this heartwood, alkanes, fatty acids (C24-26), β-sitosterol [83-46-5], taxinine [3835-52-7], and taxusin [19605-80-2] were isolated. From the CHCl3-soluble part of the MeOH extract, vanillin [121-33-5], coniferaldehyde [458-36-6], α-conidendrin [518-55-8], (-)-secoisolariciresinol [29388-59-8], meso-secoisolariciresinol [57759-55-4], taxa-4(20),11-diene-5α,9α,10β,13α-tetrol-9α,10β-diacetate [27854-00-8], isotaxiresinol [**26194-57-0**], and a new biphenyl were isolated by silica gel column chromatog. eluting with EtOAc/hexane.
IT **26194-57-0**
RL: BIOL (Biological study)
(of **Taxus** mairei heartwood)
RN 26194-57-0 CAPLUS
CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-, (1S,2R,3R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



L13 ANSWER 11 OF 32 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2007:1012507 CAPLUS
DOCUMENT NUMBER: 147:465158
TITLE: Antioxidant activity of polyphenols from the far-east plant **Taxus** cuspidata
AUTHOR(S): Veselova, M. V.; Fedoreev, S. A.; Vasilevskaya, N. A.; Denisenko, V. A.; Gerasimenko, A. V.
CORPORATE SOURCE: Pacific Institute of Bioorganic Chemistry, Far-East Division, Russian Academy of Sciences, Vladivostok, Russia
SOURCE: Pharmaceutical Chemistry Journal (2007), 41(2), 88-93
CODEN: PCJOAU; ISSN: 0091-150X
PUBLISHER: Springer
DOCUMENT TYPE: Journal
LANGUAGE: English
AB Phenolic components of the wood and roots of far-east **yew** (**Taxus** cuspidata) have been isolated and investigated. Four lignans [(+)-taxiresinol, (+)-isotaxiresinol, (+)-**isolariciresinol**, (-)-secoisolariciresinol] and two catechins [(+)-catechin, (-)-epicatechin] were identified using spectroscopic techniques. HPLC data showed that wood, bark, roots, stems, and needles of the plant contain different amts. of lignans and catechins. The antioxidant and radical-scavenging activities of the polyphenols were evaluated on two in vitro model systems.
IT **26194-57-0P**, (+)-Isotaxiresinol
RL: BSU (Biological study, unclassified); PRP (Properties); PUR (Purification or recovery); BIOL (Biological study); PREP (Preparation)
(antioxidant activity of polyphenols from the far-east plant **Taxus** cuspidata)
RN 26194-57-0 CAPLUS
CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-, (1S,2R,3R)- (CA INDEX NAME)

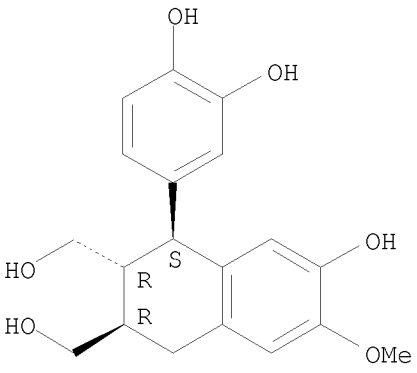
Absolute stereochemistry. Rotation (-).



REFERENCE COUNT: 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 12 OF 32 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1992:148178 CAPLUS
DOCUMENT NUMBER: 116:148178
ORIGINAL REFERENCE NO.: 116:24961a,24964a
TITLE: Constituents of the heartwood of Taiwan **Yew**. Part IV. Isolation of 1,4-p-methanediol and 1-dehydroxybaccatin-IV
AUTHOR(S): Chuang, L. C.; Chen, K. J.; Lin, Y. S.; Chen, F. C.
CORPORATE SOURCE: Dep. Chem., Tamkang Univ., Tamsui, Taiwan
SOURCE: Huaxue (1990), 48(4), 275-80
CODEN: HUHSA2; ISSN: 0441-3768
DOCUMENT TYPE: Journal
LANGUAGE: Chinese
AB The heartwood of Taiwan **Yew** (**Taxus** maitei) contained long chain alkanes, long chain esters, β-sitosterol, taxusin, taxa-4(20),11-diene-5α,9α,10β,13α-tetrol-9α,10β-diacetate, taxa-4(20),11-diene-2α,5α,7β,10β-tetrol-5α,7β,10β-triacetate-2α-α-methylbutyrate, secoisolariciresinol, isotaxiresinol, 1-dehydroxybaccatin IV, (+)-dihydroquercetin, D-sesamin, 4-hydroxysesamin, cis-terpin and 1,4-p-methanediol.
IT **26194-57-0**, Isotaxiresinol
RL: BIOL (Biological study)
(from **Taxus** mairei heartwood)
RN 26194-57-0 CAPLUS
CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-, (1S,2R,3R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).

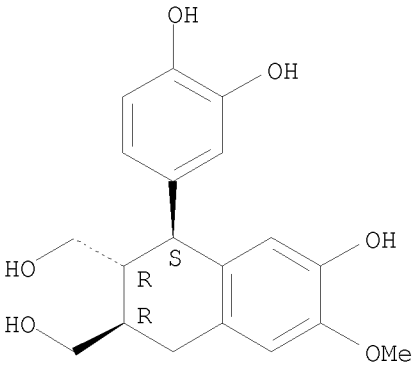


L13 ANSWER 13 OF 32 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1982:578717 CAPLUS
DOCUMENT NUMBER: 97:178717
ORIGINAL REFERENCE NO.: 97:29835a,29838a
TITLE: Studies on the lignans of Zi Shan (**Taxus** cuspidata Sieb et Zucc.)
AUTHOR(S): Zhou, Youzuo; Yu, Chaomei; Zhu, Yuanlong
CORPORATE SOURCE: Inst. Pharmacol., Zhejiang Acad. Public Hyg., Peop. Rep. China
SOURCE: Zhongcaoyao (1982), 13(4), 1-2
CODEN: CTYAD8; ISSN: 0253-2670
DOCUMENT TYPE: Journal
LANGUAGE: Chinese

AB Three crystalline components, A, B, and D, were isolated and crystallized from an EtOH extract of powdered T. cuspidata wood. Components A and B were yellow needle crystals, whereas D was a white granular crystal. Results from UV, IR, NMR, and mass spectral anal., as well as derivative syntheses revealed components B and D to be isotaxiresinol and **isolariciresinol**, resp. With the exception of the m.p. difference between components A and B recrystd. from aqueous MeOH, all the physicochem. and other characteristics of A were identical to those of B, indicating that A is an allomorphic isomer of B. None of these components showed antitumor activity, indicating that A, B, and D are not the antitumor substances in T. cuspidata.

IT **26194-57-0**
RL: BIOL (Biological study)
(from **Taxus** cuspidata)
RN 26194-57-0 CAPLUS
CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-, (1S,2R,3R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



L13 ANSWER 14 OF 32 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1969:410304 CAPLUS
DOCUMENT NUMBER: 71:10304
ORIGINAL REFERENCE NO.: 71:1883a,1886a
TITLE: **Taxus** heartwood constituents
AUTHOR(S): Erdtman, Holger; Tsuno, K.
CORPORATE SOURCE: Roy. Inst. Technol., Stockholm, Swed.
SOURCE: Phytochemistry (Elsevier) (1969), 8(5), 931-2
CODEN: PYTCAS; ISSN: 0031-9422
DOCUMENT TYPE: Journal

LANGUAGE: English

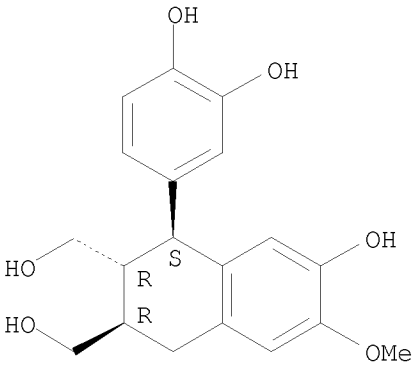
AB The heartwood of several **Taxus** species was investigated. All contain a series of 6 lignans also occurring in Fitzroya cupressoides. The neutral constituents, however, are different from those of Fitzroya.

IT **26194-57-0**
RL: BIOL (Biological study)
(of **Taxus**, taxonomy in relation to)

RN 26194-57-0 CAPLUS

CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-, (1S,2R,3R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



L13 ANSWER 15 OF 32 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2006:205569 CAPLUS

DOCUMENT NUMBER: 146:12699

TITLE: Chemical constituents of cultured **Taxus** mairei (I)

AUTHOR(S): Chen, Xue-Ying; Liang, Jing-Yu

CORPORATE SOURCE: Department of Phytochemistry, China Pharmaceutical University, Nanjing, 210009, Peop. Rep. China

SOURCE: Zhongguo Tianran Yaowu (2006), 4(1), 52-57
CODEN: ZTYHA7; ISSN: 1672-3651

PUBLISHER: Zhongguo Tianran Yaowu Bianjibu

DOCUMENT TYPE: Journal

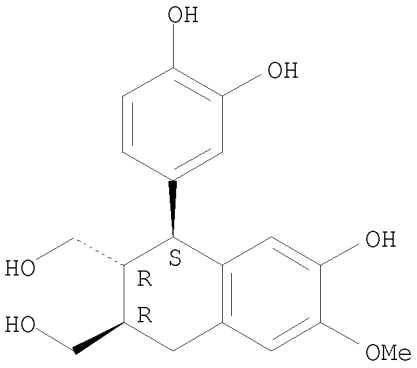
LANGUAGE: Chinese

AB AIM: To intensively investigate the chemical constituents of cultured (3y) **Taxus** chinensis var. mairei. METHODS: The whole plant was extracted with ethanol, the ethanol extract was subjected to extraction with methylene chloride, which was submitted to chromatog. on silica gel and Sephadex column to isolate some compds. And their structures were elucidated on the basis of spectral anal. (UV, IR, ESI-MS, 1H NMR, 13C NMR). RESULTS: The compds. were identified as 2α-deacetoxytaxinine J, taxuyunnanine C, yunnanxane, taxinine J, 1-dehydroxy-baccatin VI, taxol, 19-debenzoyl-19-acetyltaxinine M, taxinine M, taxicin, taxa-4(20)-11-diene-2α,5α,10β-triacetoxy-14β, 2-methybulyrate, baccatin III, cephalomannine, 7,13-dideacetyl-9,10-didebenzoyltaxchinin C7,13-dideacetyl-9,10-didebenzoyltaxchinin C, taxamairin A, taxamairin B, α-conidendrin, secoisolariciresinol, isotaxiresinol, β-sitosterol and daucosterol; 19-debenzoyl-19-acetyltaxinine M and C7,13-dideacetyl-9,10-didebenzoyltaxchinin C were isolated from this source for the first time. CONCLUSION: The chemical constituents of planted **Taxus** mairei are nearly the same as that of the wild.

IT **26194-57-0**, Isotaxiresinol

RL: NPO (Natural product occurrence); PRP (Properties); BIOL (Biological study); OCCU (Occurrence)
(chemical constituents of cultured **Taxus** mairei)
RN 26194-57-0 CAPLUS
CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-, (1S,2R,3R)- (CA INDEX NAME)

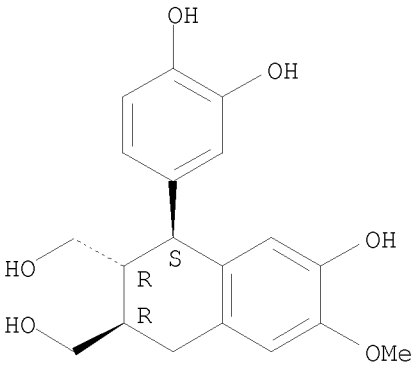
Absolute stereochemistry. Rotation (-).



L13 ANSWER 16 OF 32 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2008:1226505 CAPLUS
DOCUMENT NUMBER: 150:370166
TITLE: Chemical constituents in heartwood of **Taxus** yunnanensis
AUTHOR(S): Chen, Xueying; Liang, Jingyu
CORPORATE SOURCE: Department of Phytochemistry, China Pharmaceutical University, Nanjing, Jiangsu Province, 210009, Peop. Rep. China
SOURCE: Zhongcaoyao (2007), 38(7), 979-982
CODEN: CTYAD8; ISSN: 0253-2670
PUBLISHER: Zhongcaoyao Zazhi Bianjibu
DOCUMENT TYPE: Journal
LANGUAGE: Chinese
AB The chemical constituents in the heartwood of **Taxus** yunnanensis Cheng et L. K. Fu were intensively investigated. The heartwood was extracted with ethanol, and ethanol extract was subjected to the extraction with methylene trichloride, which was submitted to chromatog. on silica gel and Sephadex LH-20 column to isolate some compds. And their structures were elucidated on the basis of spectral anal. (UV, IR, ESI-MS, 1H-NMR and 13C-NMR). The compds. were identified as 2α,5α,7β,9α,10β,13α-hexaacetoxy-4(20),11-taxadiene (I), taxusin (II), taxa-4(20),11-diene-2α,5α,10β-triacetoxy-14β,2-methybutyrate (III), 10β-hydroxy-2α,5α,14β-triacetoxy-4(20),11-taxadiene (IV), 1-dehydroxybaccatin IV (V), baccatin IV (VI), baccatin VI (VII), 7,9-deacetylbaccatin VI (VIII), 10-deacetyltaxuyannine (IX), 1β-acetoxy-5-deacetyl-baccatin I (X), baccatin I (XI), taxuchin A (XII), secoisolariciresinol (XIII), α-conidendrin (XIV), isotaxiresinol (XV), lariciresinol (XVI), sequoyitol (XVII) and β-sitosterol (XVIII). Among them compds. I, V, VI, XI, XII and XIV were obtained from the heartwood of T. yunnanensis for the first time. In conclusion, the chemical constituents in the heartwood differed from the other parts of T. yunnanensis, but there was little difference within the species of **Taxus** L.

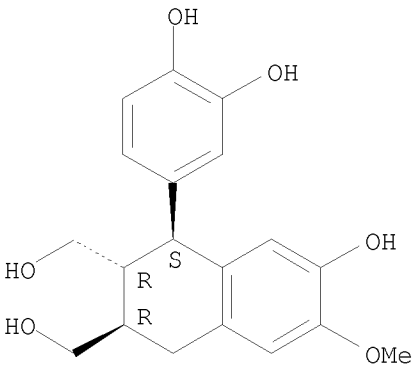
IT **26194-57-0P**, Isotaxiresinol
RL: BSU (Biological study, unclassified); PRP (Properties); PUR (Purification or recovery); BIOL (Biological study); PREP (Preparation)
(chemical constituents in heartwood of **Taxus** yunnanensis)
RN 26194-57-0 CAPLUS
CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-, (1S,2R,3R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



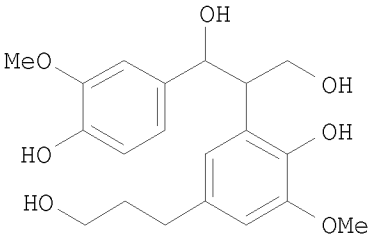
L13 ANSWER 17 OF 32 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1999:693513 CAPLUS
DOCUMENT NUMBER: 132:33212
TITLE: Lignans, flavonoids and phenolic derivatives from **Taxus** mairei
AUTHOR(S): Yang, Shung-Jim; Fang, Jim-Min; Cheng, Yu-Shia
CORPORATE SOURCE: Department of Chemistry, National Taiwan University, Taipei, 106, Taiwan
SOURCE: Journal of the Chinese Chemical Society (Taipei) (1999), 46(5), 811-818
CODEN: JCCTAC; ISSN: 0009-4536
PUBLISHER: Chinese Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
AB From the twigs of **Taxus** mairei, 35 lignans, 2 sesquilignans, 4 flavonoids, 3 bisflavonoids, 13 phenolic derivs., 2 sesquiterpenes, 3 bisnorsesquiterpenes, 3 long-chain carboxylic acids and 4 steroids were isolated. The new lignans and phenolic glucosides include 7'-hydroxynortrachelogenin, 7-hydroxymatairesinol, 3'-O-demethylepipinoresinol, taxiresinol 9-acetate, 3'-O-demethyltanegool, 8'-epitanegool, 3,3'-dimethoxy-4,4',9-trihydroxy-7,9'-epoxylignan-7'-one, 3-O-demethyldihydrodehydrodiconiferyl alc., taxumaiglucoside A heptaacetate, taxumaiglucoside B heptaacetate, and taxumaiglucoside C heptaacetate. Their structures were determined by spectral methods.
IT **26194-57-0**, (+)-Isotaxiresinol
RL: BOC (Biological occurrence); BSU (Biological study, unclassified); BIOL (Biological study); OCCU (Occurrence)
(from **Taxus** mairei)
RN 26194-57-0 CAPLUS
CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-, (1S,2R,3R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



REFERENCE COUNT: 70 THERE ARE 70 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 18 OF 32 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2007:66436 CAPLUS
DOCUMENT NUMBER: 146:291589
TITLE: Antiallergic activity of aqueous extracts and constituents of **Taxus** yunnanensis
AUTHOR(S): Koyama, Junko; Morita, Izumi; Kobayashi, Norihiro; Hirai, Keiichi; Simamura, Eriko; Nobukawa, Takahiro; Kadota, Shigetoshi
CORPORATE SOURCE: Kobe Pharmaceutical University, Higashinada-ku, Kobe, 658-8558, Japan
SOURCE: Biological & Pharmaceutical Bulletin (2006), 29(11), 2310-2312
CODEN: BPBLEO; ISSN: 0918-6158
PUBLISHER: Pharmaceutical Society of Japan
DOCUMENT TYPE: Journal
LANGUAGE: English
GI



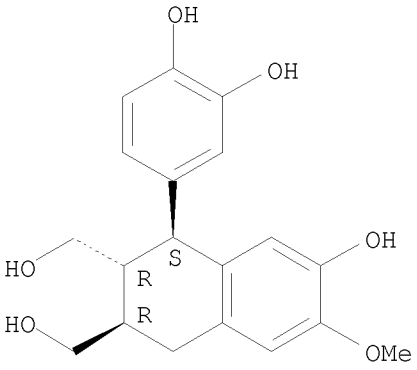
I

AB The H2O, H2O/MeOH (1: 1) exts. from the wood of **Taxus** yunnanensis showed a remarkable inhibitory effect on induced histamine release from the human basophilic cell line, KU812. The eleven constituents purified from the wood exts. of **Taxus** yunnanensis were tested by an in vitro histamine release inhibition assay. Among them, secoisolarciresinol and taxiresinol were found to show inhibitory activities. A new neolignan, 2-[2-hydroxy-5-(3-hydroxypropyl)-3-methoxyphenyl]-1-(4-hydroxy-3- methoxyphenyl)propane-1,3-diol (I), was isolated from the wood of **Taxus** yunnanensis.

IT **26194-57-0P**, Isotaxiresinol
RL: BSU (Biological study, unclassified); PAC (Pharmacological activity); PUR (Purification or recovery); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(antiallergic activity of aqueous exts. and constituents of **Taxus** yunnanensis)
RN 26194-57-0 CAPLUS
CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-, (1S,2R,3R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

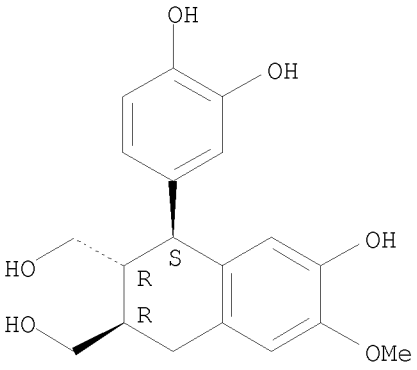
L13 ANSWER 19 OF 32 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2006:334697 CAPLUS
DOCUMENT NUMBER: 146:77986
TITLE: Hypoglycemic effects of the wood of **Taxus** yunnanensis on streptozotocin-induced diabetic rats and its active components
AUTHOR(S): Banskota, A. H.; Nguyen, N. T.; Tezuka, Y.; Nobukawa, T.; Kadota, S.
CORPORATE SOURCE: Institute of Natural Medicine, Toyama Medical and Pharmaceutical University, 2630-Sugitani, Toyama, 930-0194, Japan
SOURCE: Phytomedicine (2006), 13(1-2), 109-114
CODEN: PYTOEY; ISSN: 0944-7113
PUBLISHER: Elsevier GmbH
DOCUMENT TYPE: Journal
LANGUAGE: English
AB Hypoglycemic effects of the H2O and MeOH exts. of the wood of **Taxus** yunnanensis were examined in streptozotocin (STZ)-induced diabetic rats. The H2O extract significantly lowered the fasting blood glucose level by 33.7% at a 100 mg/kg dose on i.p. administration. From the active H2O extract of the wood, three lignans, i.e., isotaxiresinol (1), secoisolariciresinol (2) and taxiresinol (3), were isolated as major components. These lignans were further tested for their hypoglycemic effects on the same exptl. model. At a dose of 100 mg/kg (i.p.), isotaxiresinol (1) reduced the fasting blood glucose level of diabetic rats by 34.5%, while secoisolariciresinol (2) and taxiresinol (3) reduced by 33.4% and 20.9%, resp. The blood glucose lowering effects of 1 and 2 were stronger than the mixture of tolbutamide (200 mg/kg) and buformin (1 mg/kg) used as a pos. control, which lowered fasting blood glucose level by 24.0%.
IT **26194-57-0P**, Isotaxiresinol
RL: BSU (Biological study, unclassified); NPO (Natural product occurrence); PUR (Purification or recovery); THU (Therapeutic use); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation); USES (Uses)
(TLC, HPLC of water extract from **Taxus** yunnanensis wood show

isotaxiresinol, secoisolariciresinol, taxiresinol have varied hypoglycemic effect on streptozotocin-induced diabetic rat)

RN 26194-57-0 CAPLUS

CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-, (1S,2R,3R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



REFERENCE COUNT: 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 20 OF 32 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2003:555111 CAPLUS

DOCUMENT NUMBER: 140:70921

TITLE: DPPH radical scavenging and nitric oxide inhibitory activities of the constituents from the wood of **Taxus** yunnanensis

AUTHOR(S): Banskota, Arjun H.; Tezuka, Yasuhiro; Nguyen, Nhan Trung; Awale, Suresh; Nobukawa, Takahiro; Kadota, Shigetoshi

CORPORATE SOURCE: Institute of Natural Medicine, Toyama Medical and Pharmaceutical University, Toyama, Japan

SOURCE: Planta Medica (2003), 69(6), 500-505
CODEN: PLMEAA; ISSN: 0032-0943

PUBLISHER: Georg Thieme Verlag

DOCUMENT TYPE: Journal

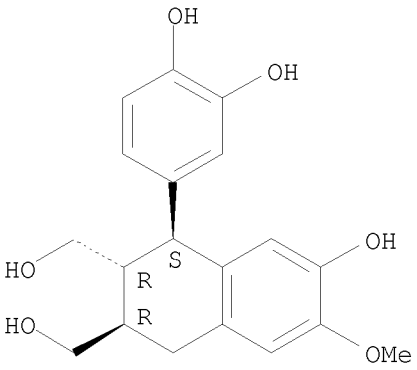
LANGUAGE: English

AB The H2O, H2O/MeOH (1:1) and MeOH exts. of the wood of **Taxus** yunnanensis possessed significant DPPH radical scavenging and nitric oxide (NO) inhibitory activities. Chemical investigation of these exts. led us to isolation of nineteen compds., i.e., five lignans, two simple phenolics, and twelve taxane-type diterpenes. Isotaxiresinol and seco-**isolariciresinol**, two major lignans of the wood, possessed potent DPPH radical scavenging activities with IC50 values of 21.7 and 28.9 μM, resp. Similarly, coniferyl aldehyde, taxusin, 10-deacetyltaxuyunnanine C, hongdoushan A, and 2α,5α,10β-triacetoxy-14β-[(S)-2-methylbutyryloxy]-4(20),11-taxadiene showed potent NO inhibitory activity with IC50 values of 18.0, 22.1, 28.5, 15.0 and 26.4 μM, resp., which were either equal or lower than the pos. control NG-monomethyl-L-arginine (L-NMMA) with an IC50 value of 28.5 μM.

IT **26194-57-0P**, Isotaxiresinol
RL: NPO (Natural product occurrence); PAC (Pharmacological activity); PUR (Purification or recovery); THU (Therapeutic use); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation); USES (Uses)
(DPPH scavenging and NO inhibitory activities of constituents from

Taxus yunnanensis)
RN 26194-57-0 CAPLUS
CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-, (1S,2R,3R)- (CA INDEX NAME)

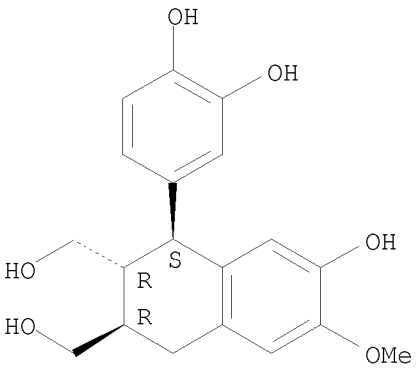
Absolute stereochemistry. Rotation (-).



REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 21 OF 32 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1994:692369 CAPLUS
DOCUMENT NUMBER: 121:292369
ORIGINAL REFERENCE NO.: 121:53195a,53198a
TITLE: Hypoglycemic and antiplatelet constituents of **Taxus** mairei
AUTHOR(S): Guo, Daih-Huang; Ko, Huey-Ming; Lai, Jem-min; Chiu, Tai-Hui; Wu, Tian-Shung; Teng, Che-Ming; Kuo, Sheng-Chu
CORPORATE SOURCE: Department Pharmacy, Tajen Junior College Pharmacy Pingtong, Taiwan
SOURCE: Chinese Pharmaceutical Journal (Taipei, Taiwan) (1994), 46(3), 175-83
CODEN: CPHJEP; ISSN: 1016-1015
DOCUMENT TYPE: Journal
LANGUAGE: English
AB Bioassay-directed fractionation of the BuOH extract of the heartwood of T. mairei led to the isolation of isotaxiresinol (I). I showed significant hypoglycemic effect at 100 mg/Kg in rat and with weak antiplatelet aggregation effect. In addition, (-)secoisolariciresinol , vanillin and β-sitostenone from the chloroform extract also revealed antiplatelet aggregation activity.
IT **26194-57-0**, Isotaxiresinol
RL: BAC (Biological activity or effector, except adverse); BOC (Biological occurrence); BSU (Biological study, unclassified); BIOL (Biological study); OCCU (Occurrence)
(hypoglycemic and blood platelet aggregation inhibitory constituents of **Taxus** mairei)
RN 26194-57-0 CAPLUS
CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-, (1S,2R,3R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).

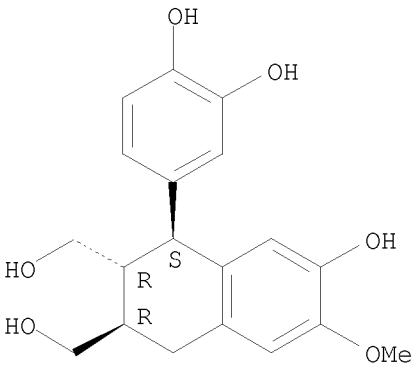


L13 ANSWER 22 OF 32 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1990:175629 CAPLUS
DOCUMENT NUMBER: 112:175629
ORIGINAL REFERENCE NO.: 112:29611a,29614a
TITLE: Reinvestigation on the constituents of the heartwood of Taiwan **yew**
AUTHOR(S): Chuang, Li Chin; Chen, Kwei Ju; Lin, Yun Shan; Chen, Fa Ching
CORPORATE SOURCE: Dep. Chem., Tamkang Univ., Tamsui, Taiwan
SOURCE: Taiwan Kexue (1989), 42, 29-35
CODEN: TKHSAU; ISSN: 0015-7791
DOCUMENT TYPE: Journal
LANGUAGE: Chinese

AB 1-Dehydroxybaccatin IV and (+)-dihydroquercetin (taxifolin) were isolated from **Taxus** mairei in addition to a long-chain alkane, long-chain ester, β-sitosterol, taxusin, taxa-4(20),11-diene-5α,9α,10β,13α-tetrol-9α,10β-diacetate, taxa-4(20),11-diene-2α,5α,7β,10β-tetrol-5α,7β,10β-triacetate-2α-α-methylbutyrate, secoisolariciresinol, and isotaxiresinol.

IT **26194-57-0**, Isotaxiresinol
RL: BIOL (Biological study)
(of Taiwan **yew** heartwood)
RN 26194-57-0 CAPLUS
CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-, (1S,2R,3R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



L13 ANSWER 23 OF 32 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1997:770200 CAPLUS
DOCUMENT NUMBER: 128:86475
ORIGINAL REFERENCE NO.: 128:16825a,16828a
TITLE: A lignan from roots of **Taxus** mairei
AUTHOR(S): Shen, Ya-Ching; Chen, Ching-Yeu; Lin, Yat-Min; Kuo, Yao-Haur
CORPORATE SOURCE: Institute of Marine Resources. National. Sun Yat-sen University, Kaohsiung, Taiwan
SOURCE: Phytochemistry (1997), 46(6), 1111-1113
CODEN: PYTCAS; ISSN: 0031-9422
PUBLISHER: Elsevier Science Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
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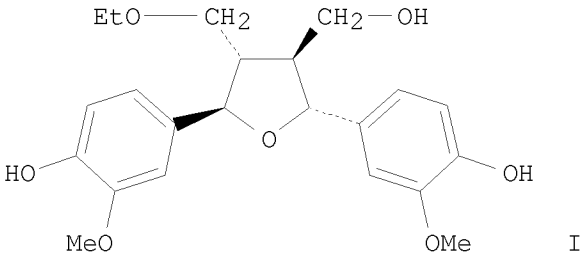
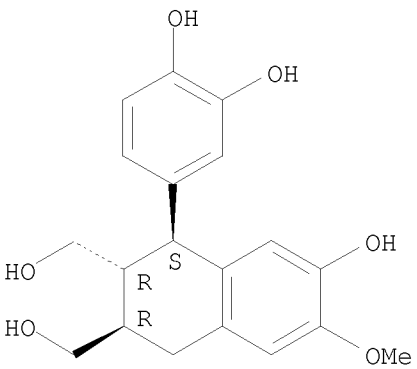


I

AB A new lignan, taxumairin (I) was isolated from the roots of Formosan **Taxus** mairei, along with known lignans. The structure of taxumairin has been characterized as (+)-7,8-trans-8,8'-trans-7',8'-trans-7-(3-methoxy-4-hydroxy)phenyl-7'-(3'-methoxy-4'-hydroxy)phenyl-8-hydroxymethyl-8'-ethoxymethyltetrahydrofuran, on the basis of spectral analyses.
IT **26194-57-0**, Isotaxiresinol
RL: BOC (Biological occurrence); BSU (Biological study, unclassified); BIOL (Biological study); OCCU (Occurrence)
(from roots of **Taxus** mairei)
RN 26194-57-0 CAPLUS
CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-, (1S,2R,3R)- (CA INDEX NAME)

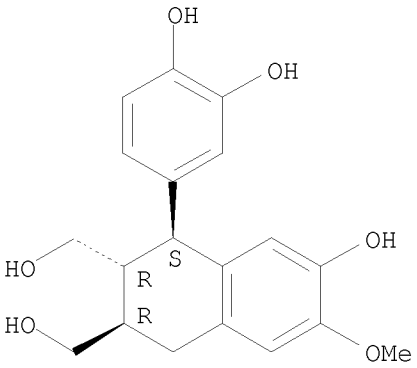
Absolute stereochemistry. Rotation (-).



REFERENCE COUNT: 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 24 OF 32 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1998:389753 CAPLUS
DOCUMENT NUMBER: 129:180010
ORIGINAL REFERENCE NO.: 129:36477a,36480a
TITLE: Bioactive lignans and taxoids from the roots of Formosan **Taxus** mairei
AUTHOR(S): Shen, Ya-Ching; Chen, Ching-Yeu; Chen, Yin-Ju; Kuo, Yao-Haur; Chien, Ching-Te; Lin, Yat-Min
CORPORATE SOURCE: Institute Marine Resources, National Sun Yat-sen University, Kaohsiung, Taiwan
SOURCE: Chinese Pharmaceutical Journal (Taipei) (1997), 49(5-6), 285-296
CODEN: CPHJEP; ISSN: 1016-1015
PUBLISHER: Pharmaceutical Society of Republic of China
DOCUMENT TYPE: Journal
LANGUAGE: English
AB Four lignans, (-)-α-conidendrin, (-)-secoisolariciresinol, isotaxiresinol, and taxiresinol and 4 taxoids, 1β-dehydroxybaccatin VI, 1β-dehydroxybaccatin IV, 1β-hydroxybaccatin I and taxumairol D were isolated from the roots of Formosan T. mairei. The structures of these compds. were established by spectral and chemical anal. The lignans exhibited potent cytotoxicities against KB-16, A-549 and HT-29 tumor cells.
IT **26194-57-0**, Isotaxiresinol
RL: BAC (Biological activity or effector, except adverse); BOC (Biological occurrence); BSU (Biological study, unclassified); BIOL (Biological study); OCCU (Occurrence)
(bioactive lignans and taxoids from **Taxus** mairei riits)
RN 26194-57-0 CAPLUS
CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-, (1S,2R,3R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

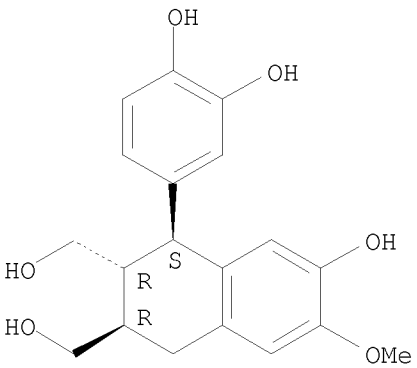
L13 ANSWER 25 OF 32 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2003:867253 CAPLUS
DOCUMENT NUMBER: 140:209916
TITLE: Absolute configuration and anticancer activity of taxiresinol and related lignans of **Taxus** wallichiana

AUTHOR(S): Chattopadhyay, Sunil K.; Kumar, T. R. Santha; Maulik, Prakas R.; Srivastava, Sachin; Garg, Ankur; Sharon, Ashoke; Negi, Arvind S.; Khanuja, Suman Preet S.
CORPORATE SOURCE: Central Institute of Medicinal and Aromatic Plants (CIMAP), PO CIMAP, Lucknow, 226 015, India
SOURCE: Bioorganic & Medicinal Chemistry (2003), 11(23), 4945-4948
CODEN: BMECEP; ISSN: 0968-0896
PUBLISHER: Elsevier Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English

AB Absolute configuration of taxiresinol 1, a lignan from the heartwood of **Taxus** wallichiana has been determined as 8R, 8'R, and 7'R with the help of chemical correlation method and x-ray crystallog. The anticancer activity of taxiresinol 1 and other two lignans 2, 3 were also studied. Taxiresinol 1 showed notable anticancer activity in the in vitro bioassays against colon, liver, ovarian and breast cancer cell lines.

IT **26194-57-0P**, Isotaxiresinol
RL: PAC (Pharmacological activity); PRP (Properties); PUR (Purification or recovery); RCT (Reactant); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(absolute configuration and anticancer activity of taxiresinol and related lignans of **Taxus** wallichiana)
RN 26194-57-0 CAPLUS
CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-, (1S,2R,3R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



REFERENCE COUNT: 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 26 OF 32 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2005:823549 CAPLUS
DOCUMENT NUMBER: 143:186763
TITLE: Therapeutic/preventive agent for osteoporosis containing as component isotaxiresinol derived from **Taxus** yunnanensis
INVENTOR(S): Kadota, Shigetoshi; Nobukawa, Takahiro
PATENT ASSIGNEE(S): Kotosugi Inc., Japan
SOURCE: PCT Int. Appl., 17 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005074905	A1	20050818	WO 2005-JP1055	20050127
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CN 1842327	A	20061004	CN 2005-80000941	20050127
TW 285108	B	20070811	TW 2005-94103196	20050202
KR 2006037416	A	20060503	KR 2006-702230	20060201
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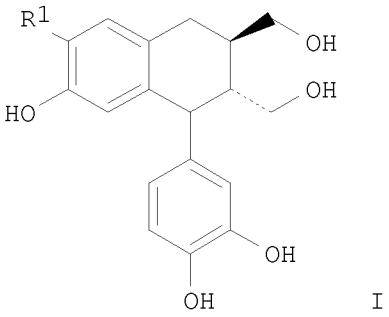
			WO 2005-JP1055 W	20050127

OTHER SOURCE(S): MARPAT 143:186763

GI



I

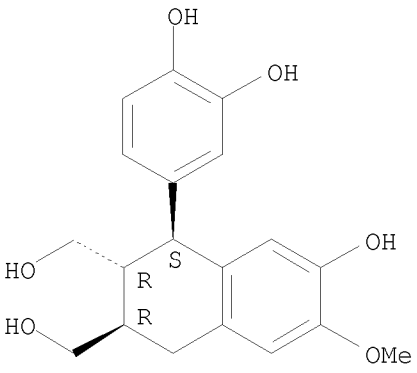
AB A medicine useful in treatments for and prevention of osteoporosis. The medicine for treatments for and prevention of osteoporosis contains as an active ingredient a compound represented by the formula (I; R1 represents C1-4 alkyloxy) or a medically acceptable salt or ester of the compound of the formula I. Of the compds. represented by I, the compound wherein R1 is CH3O is isotaxiresinol derived from **Taxus** yunnanensis. This compound functions to inhibit bone absorption and has physiol. activity in accelerating bone formation.

IT **26194-57-0DP**, Isotaxiresinol, derivs. and salts
26194-57-0P, Isotaxiresinol
RL: PAC (Pharmacological activity); PUR (Purification or recovery); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(Therapeutic/preventive agent for osteoporosis containing as component isotaxiresinol derived from **Taxus** yunnanensis)

RN 26194-57-0 CAPLUS

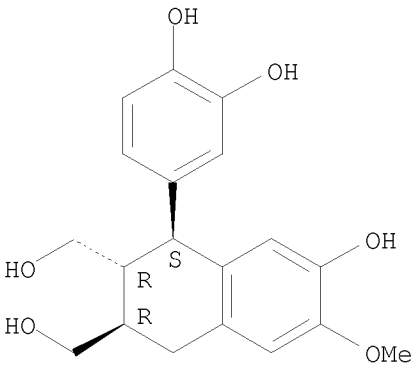
CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-, (1S,2R,3R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



RN 26194-57-0 CAPLUS
CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-, (1S,2R,3R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 27 OF 32 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2004:80489 CAPLUS
DOCUMENT NUMBER: 140:117348
TITLE: Hypoglycemic agent, liver protecting agent and anticancer agent containing lignans originating in **Taxus** yunnanensis
INVENTOR(S): Kadota, Shigetoshi; Nobukawa, Takahiro
PATENT ASSIGNEE(S): Kotosugi Inc., Japan
SOURCE: PCT Int. Appl., 36 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004009065	A1	20040129	WO 2003-JP9370	20030723

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,

PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN,
TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2003248097	A1	20040209	AU 2003-248097		20030723
CN 1665493	A	20050907	CN 2003-815515		20030723
CN 100350902	C	20071128			
US 20060035964	A1	20060216	US 2005-522186		20050124
HK 1075213	A1	20080222	HK 2005-109274		20051020
KR 2006086458	A	20060731	KR 2006-713512		20060705
US 20080146659	A1	20080619	US 2008-68590		20080208
PRIORITY APPLN. INFO.:			JP 2002-214694	A	20020724
			JP 2003-119178	A	20030424
			WO 2003-JP9370	W	20030723
			KR 2005-701127	A3	20050121
			US 2005-522186	A3	20050124

OTHER SOURCE(S): MARPAT 140:117348

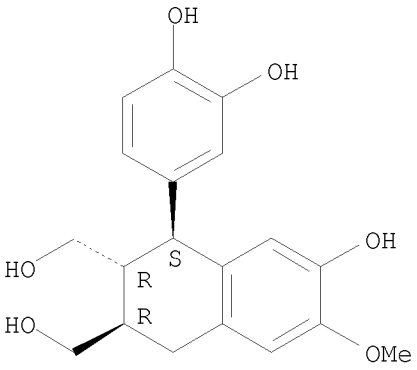
AB Disclosed are drugs containing taxiresinol, (7'R)-7' -hydroxylariciresinol, secoisolariciresinol and isotaxiresinol, which are lignans contained in hongdoushan (**Taxus** yunnanensis), as the active ingredients. Drugs contains an extract, which is obtained by extracting a hongdoushan plant with water and further extracting the obtained extract with an organic solvent, as the active ingredient. These drugs are useful particularly as a hyopglycermic agent, a liver protecting agent and an anticancer agent.

IT **26194-57-0P**, Isotaxiresinol
RL: PAC (Pharmacological activity); PUR (Purification or recovery); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(hypoglycemic agent, liver protecting agent and anticancer agent containing lignans originating in **Taxus** yunnanensis)

RN 26194-57-0 CAPLUS

CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-, (1S,2R,3R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 28 OF 32 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2006:334692 CAPLUS
DOCUMENT NUMBER: 145:241621
TITLE: In vivo anti-osteoporotic activity of isotaxiresinol,

a lignan from wood of **Taxus** yunnanensis

AUTHOR(S): Yin, J.; Tezuka, Y.; Subehan; Shi, L.; Nobukawa, M.; Nobukawa, T.; Kadota, S.

CORPORATE SOURCE: Institute of Natural Medicine, Toyama Medical and Pharmaceutical University, 2630 Sugitani, Toyama, 930-0194, Japan

SOURCE: Phytomedicine (2006), 13(1-2), 37-42
CODEN: PYTOEY; ISSN: 0944-7113

PUBLISHER: Elsevier GmbH

DOCUMENT TYPE: Journal

LANGUAGE: English

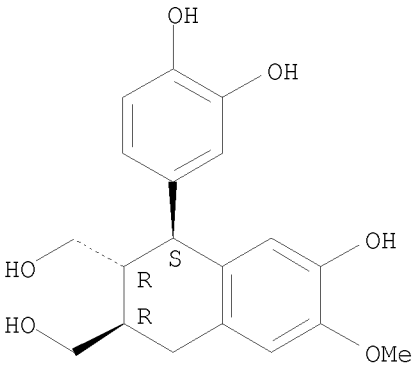
AB Isotaxiresinol, the main lignan isolated from the water extract of wood of **Taxus** yunnanensis, was investigated for its effect on bone loss, on serum biochem. markers for bone remodeling and on uterine tissue, using ovariectomized (OVX) rats as the model of postmenopausal osteoporosis. After oral administration of isotaxiresinol (50 and 100 mg/kg/d) for 6 wk, bone mineral content (BMC) and bone mineral d. (BMD) in total and cortical bones were increased as compared to those of OVX control rats, and decreases of three bone strength indexes induced by OVX surgery were prevented. Serum biochem. markers for bone remodeling revealed that isotaxiresinol slightly increased bone formation and significantly inhibited bone resorption without side effect on uterine tissue. These results suggest that isotaxiresinol may be useful for treatment of postmenopausal osteoporosis, especially for prevention of bone fracture induced by estrogen deficiency.

IT **26194-57-0P**, Isotaxiresinol
RL: NPO (Natural product occurrence); PAC (Pharmacological activity); PUR (Purification or recovery); THU (Therapeutic use); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation); USES (Uses)
(lignan from T. yunnanensis isotaxiresinol showed anti-osteoporotic activity by increasing BMC and BMD in cortical bone with higher bone formation and inhibited bone resorption in uterine tissue of rat model of postmenopausal osteoporosis)

RN 26194-57-0 CAPLUS

CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-, (1S,2R,3R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 29 OF 32 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1975:533681 CAPLUS

DOCUMENT NUMBER: 83:133681

ORIGINAL REFERENCE NO.: 83:21038h,21039a

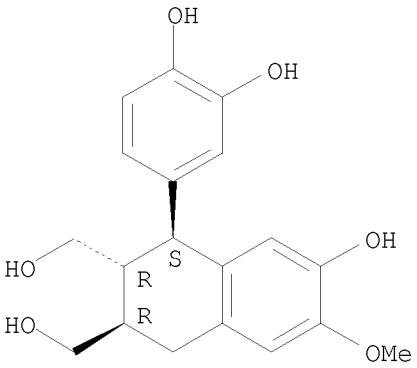
TITLE: Inhibitory effect of **Taxus** mairei heartwood extractives on the curing of unsaturated polyester resins
AUTHOR(S): Lee, Chuen Lai; Hirose, Yoshiyuki; Nakatsuka, Tomoichiro
CORPORATE SOURCE: Fac. Agric., Univ. Tokyo, Tokyo, Japan
SOURCE: Mokuzai Gakkaishi (1975), 21(4), 249-56
CODEN: MKZGA7; ISSN: 0021-4795
DOCUMENT TYPE: Journal
LANGUAGE: Japanese

AB Among 5 compds. extracted from **Taxus** mairei heartwood, i.e., sequoyitol (I) [523-92-2], taxusin (II) [19605-80-2], α-conidendrin (III) [518-55-8], secoisolariciresinol (IV) [25327-50-8], and isotaxiresinol (V) [**26194-57-0**], only V inhibited curing of polyester resin in the presence of Bz2O2, and IV and V inhibited the curing in the presence of MeCOEt peroxide and Co salts.

IT **26194-57-0P**
RL: PREP (Preparation)
(from **Taxus** mairei, crosslinking inhibitors for unsatd. polyester)

RN 26194-57-0 CAPLUS
CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-, (1S,2R,3R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



L13 ANSWER 30 OF 32 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2009:44496 CAPLUS
DOCUMENT NUMBER: 150:275688
TITLE: Development of an LC-ESI-MS/MS method for the determination of histamine: Application to the quantitative measurement of histamine degranulation by KU812 cells
AUTHOR(S): Koyama, Junko; Takeuchi, Atsuko; Tode, Chisato; Shimizu, Maki; Morita, Izumi; Nobukawa, Machiko; Nobukawa, Makiko; Kobayashi, Norihiro
CORPORATE SOURCE: Kobe Pharmaceutical University, Higashinada, Kobe, 658-8558, Japan
SOURCE: Journal of Chromatography, B: Analytical Technologies in the Biomedical and Life Sciences (2009), 877(3), 207-212
CODEN: JCBAAI; ISSN: 1570-0232
PUBLISHER: Elsevier B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English

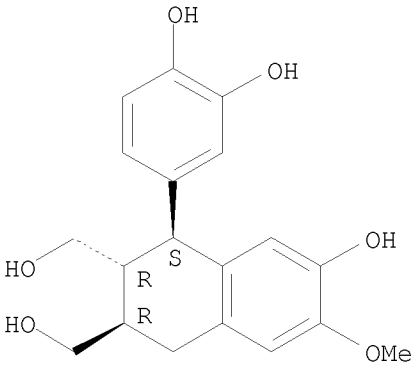
AB A rapid, simple, and sensitive liquid chromatog.-electrospray ionization tandem mass spectrometry (LC-ESI-MS/MS) method was developed for the identification and quantification of histamine without a previous derivatization step or the addition of general ion-pairing reagents to the mobile phase. This method was used to measure histamine release following degranulation of KU812 human basophilic cells, using pyrazol as an internal standard Analyses were performed on an LC system employing a Cosmosil 5C18 PAQ column and an isocratic elution with methanol-0.005% trifluoroacetic acid (1:1) at a flow rate of 0.2 mL/min. A triple-quadrupole mass spectrometer, equipped with an electrospray ionization interface was employed, operating in the pos. ion mode. The retention time of histamine and the internal standard were 4.0 and 5.0 min, resp. The relative standard deviations (R.S.D.s) of the retention time and peak area were between 0.47% and 2.03%. Micropipette tip solid-phase extraction (SPE) using LooseTip C18 allowed for not only rapid sample preparation, but also decreased suppression effects, improving peak shape. This method was used to evaluate the anti-allergic effects of compds. contained in **Taxus** yunnanensis exts. Four constituents that were isolated from the wood exts. of T. yunnanensis and sodium cromoglicate, which is used as a first line anti-allergic drug, were tested in an in vitro histamine release inhibition assay. Of these compds., taxiresinol and isotaxiresinol were more inhibitory than sodium cromoglicate.

IT **26194-57-0**, Isotaxiresinol
RL: PAC (Pharmacological activity); BIOL (Biological study)
(development of LC-ESI-MS/MS method for determination of histamine following degranulation of KU812 human basophilic cells and use in evaluating anti-allergic effects of compds. contained in **Taxus** yunnanensis exts.)

RN 26194-57-0 CAPLUS

CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-, (1S,2R,3R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).

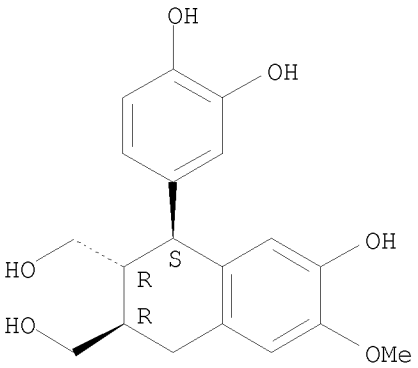


REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 31 OF 32 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2004:243556 CAPLUS
DOCUMENT NUMBER: 140:350498
TITLE: Secoisolariciresinol and isotaxiresinol inhibit tumor necrosis factor-α-dependent hepatic apoptosis in mice
AUTHOR(S): Banskota, Arjun H.; Nguyen, Nhan Trung; Tezuka, Yasuhiro; Le Tran, Quan; Nobukawa, Takahiro;

Kurashige, Youichi; Sasahara, Masakiyo; Kadota, Shigetoshi
CORPORATE SOURCE: Institute of Natural Medicine, Toyama Medical and Pharmaceutical University, Toyama, 930-0194, Japan
SOURCE: Life Sciences (2004), 74(22), 2781-2792
CODEN: LIFSAK; ISSN: 0024-3205
PUBLISHER: Elsevier
DOCUMENT TYPE: Journal
LANGUAGE: English
AB The effects of secoisolariciresinol (1) and isotaxiresinol (2), two major lignans isolated from the wood of **Taxus** yunnanensis, on tumor necrosis factor-α (TNF-α)-dependent hepatic apoptosis induced by D-galactosamine (D-GalN)/lipopolysaccharide (LPS) were investigated in mice. Co-administration of d-GalN (700 mg/kg) and LPS (10 μg/kg) resulted in a typical hepatic apoptosis characterized by DNA fragmentation and the formation of apoptotic bodies. Serum glutamic pyruvic transaminase (sGPT) and glutamic oxaloacetic transaminase (sGOT) levels were also raised at 8 h after D-GalN/LPS intoxication due to a severe necrosis of hepatocytes. Pre-administration of 1 or 2 (50, 10 mg/kg, i.p.) 12 and 1 h before d-GalN/LPS significantly reduced DNA fragmentation and prevented chromatin condensation, apoptotic body formation and hepatitis. Pro-inflammatory cytokines such as TNF-α and interferon-γ (IFN-γ) secreted from LPS-activated macrophages are important mediators of hepatocyte apoptosis in this model. Pre-treatment with 1 or 2 significantly inhibited the elevation of serum TNF-α and IFN-γ levels. In a sep. experiment, both lignans had a significant dose-dependent protective effect on D-GalN/TNF-α-induced cell death in primary cultured mouse hepatocytes and TNF-α-mediated cell death in murine L929 fibrosarcoma cells. These results indicated that 1 and 2 prevent D-GalN/LPS-induced hepatic injury by inhibiting hepatocyte apoptosis through the blocking of TNF-α and IFN-γ production by activated macrophages and direct inhibition of the apoptosis induced by TNF-α.
IT **26194-57-0**, Isotaxiresinol
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(secoisolariciresinol and isotaxiresinol inhibit tumor necrosis factor-α-dependent hepatic apoptosis in mice)
RN 26194-57-0 CAPLUS
CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-, (1S,2R,3R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



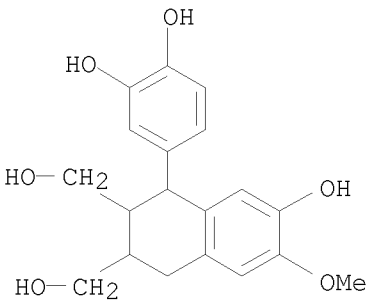
REFERENCE COUNT: 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 32 OF 32 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2001:417499 CAPLUS
DOCUMENT NUMBER: 135:166155
TITLE: In Vitro Metabolism of Plant Lignans: New Precursors of Mammalian Lignans Enterolactone and Enterodiol
AUTHOR(S): Heinonen, Satu; Nurmi, Tarja; Liukkonen, Kirsi; Poutanen, Kaisa; Waehaelae, Kristiina; Deyama, Takeshi; Nishibe, Sansei; Adlercreutz, Herman
CORPORATE SOURCE: Folkhaelsan Research Center and Department of Clinical Chemistry, University of Helsinki, Helsinki, FIN-00014, Finland
SOURCE: Journal of Agricultural and Food Chemistry (2001), 49(7), 3178-3186
CODEN: JAFCAU; ISSN: 0021-8561
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English

AB The metabolism of the plant lignans matairesinol, secoisolariciresinol, pinoresinol, syringaresinol, arctigenin, 7-hydroxymatairesinol, **isolariciresinol**, and lariciresinol by human fecal microflora was investigated to study their properties as mammalian lignan precursors. The quant. analyses of lignan precursors and the mammalian lignans enterolactone and enterodiol were performed by HPLC with coulometric electrode array detector. The metabolic products, including mammalian lignans, were characterized as trimethylsilyl derivs. by gas chromatog.-mass spectrometry. Matairesinol, secoisolariciresinol, lariciresinol, and pinoresinol were converted to mammalian lignans only. Several metabolites were isolated and tentatively identified as for syringaresinol and arctigenin in addition to the mammalian lignans. Metabolites of 7-hydroxymatairesinol were characterized as enterolactone and 7-hydroxyenterolactone by comparison with authentic reference compds. A metabolic scheme describing the conversion of the most abundant new mammalian lignan precursors, pinoresinol and lariciresinol, is presented.

IT **477-72-5**
RL: BSU (Biological study, unclassified); MFM (Metabolic formation); BIOL (Biological study); FORM (Formation, nonpreparative)
(plant lignans as precursors of mammalian lignans enterolactone and enterodiol)

RN 477-72-5 CAPLUS
CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-hydroxy-6-methoxy- (CA INDEX NAME)



REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 11 1-2

L13 ANSWER 11 OF 32 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2007:1012507 CAPLUS
DN 147:465158
TI Antioxidant activity of polyphenols from the far-east plant **Taxus** cuspidata
AU Veselova, M. V.; Fedoreev, S. A.; Vasilevskaya, N. A.; Denisenko, V. A.; Gerasimenko, A. V.
CS Pacific Institute of Bioorganic Chemistry, Far-East Division, Russian Academy of Sciences, Vladivostok, Russia
SO Pharmaceutical Chemistry Journal (2007), 41(2), 88-93
CODEN: PCJOAU; ISSN: 0091-150X
PB Springer
DT Journal
LA English
RE.CNT 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 1 OF 32 CAPLUS COPYRIGHT 2009 ACS on STN
AN 1952:54579 CAPLUS
DN 46:54579
OREF 46:9086b-i,9087a-b
TI Isotaxiresinol (3'-dimethylisolariciresinol), a new lignan extracted from the heartwood of the **English yew**, **Taxus baccata**
AU King, F. E.; Jurd, L.; King, T. J.
CS Univ. Nottingham, UK
SO Journal of the Chemical Society (1952) 17-24
CODEN: JCSOA9; ISSN: 0368-1769
DT Journal
LA Unavailable
OS CASREACT 46:54579

L13 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2009 ACS on STN
AN 1973:111031 CAPLUS
DN 78:111031
OREF 78:17819a,17822a
TI Taxiresinol, a new lignan in the heartwood of **Taxus baccata**
AU Mujumdar, R. B.; Srinivasan, R.; Venkataraman, K.
CS Natl. Chem. Lab., Poona, India
SO Indian Journal of Chemistry (1972), 10(7), 677-80
CODEN: IJOCAP; ISSN: 0019-5103
DT Journal
LA English

=> d l11 1-2 ibib abs hitstr

L11 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2006:334692 CAPLUS
DOCUMENT NUMBER: 145:241621
TITLE: In vivo anti-**osteoporotic** activity of isotaxiresinol, a lignan from wood of Taxus yunnanensis
AUTHOR(S): Yin, J.; Tezuka, Y.; Subehan; Shi, L.; Nobukawa, M.; Nobukawa, T.; Kadota, S.
CORPORATE SOURCE: Institute of Natural Medicine, Toyama Medical and Pharmaceutical University, 2630 Sugitani, Toyama, 930-0194, Japan

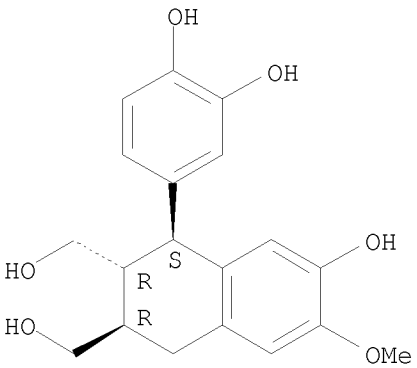
SOURCE: Phytomedicine (2006), 13(1-2), 37-42
CODEN: PYTOEY; ISSN: 0944-7113
PUBLISHER: Elsevier GmbH
DOCUMENT TYPE: Journal
LANGUAGE: English

AB Isotaxiresinol, the main lignan isolated from the water extract of wood of Taxus yunnanensis, was investigated for its effect on **bone** loss, on serum biochem. markers for **bone** remodeling and on uterine tissue, using ovariectomized (OVX) rats as the model of postmenopausal **osteoporosis**. After oral administration of isotaxiresinol (50 and 100 mg/kg/d) for 6 wk, **bone** mineral content (BMC) and **bone** mineral d. (BMD) in total and cortical **bones** were increased as compared to those of OVX control rats, and decreases of three **bone** strength indexes induced by OVX surgery were prevented. Serum biochem. markers for **bone** remodeling revealed that isotaxiresinol slightly increased **bone** formation and significantly inhibited **bone resorption** without side effect on uterine tissue. These results suggest that isotaxiresinol may be useful for treatment of postmenopausal **osteoporosis**, especially for prevention of **bone** fracture induced by estrogen deficiency.

IT **26194-57-0P**, Isotaxiresinol
RL: NPO (Natural product occurrence); PAC (Pharmacological activity); PUR (Purification or recovery); THU (Therapeutic use); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation); USES (Uses)
(lignan from T. yunnanensis isotaxiresinol showed anti-**osteoporotic** activity by increasing BMC and BMD in cortical **bone** with higher **bone** formation and inhibited **bone resorption** in uterine tissue of rat model of postmenopausal **osteoporosis**)

RN 26194-57-0 CAPLUS
CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-, (1S,2R,3R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2005:823549 CAPLUS
DOCUMENT NUMBER: 143:186763
TITLE: Therapeutic/preventive agent for **osteoporosis** containing as component isotaxiresinol derived from Taxus yunnanensis
INVENTOR(S): Kadota, Shigetoshi; Nobukawa, Takahiro
PATENT ASSIGNEE(S): Kotosugi Inc., Japan

SOURCE: PCT Int. Appl., 17 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005074905	A1	20050818	WO 2005-JP1055	20050127
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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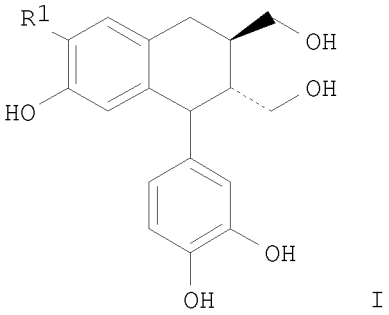
TW 285108	B	20070811	TW 2005-94103196	20050202
KR 2006037416	A	20060503	KR 2006-702230	20060201

PRIORITY APPLN. INFO.: JP 2004-26535 A 20040203
WO 2005-JP1055 W 20050127

OTHER SOURCE(S): MARPAT 143:186763
GI



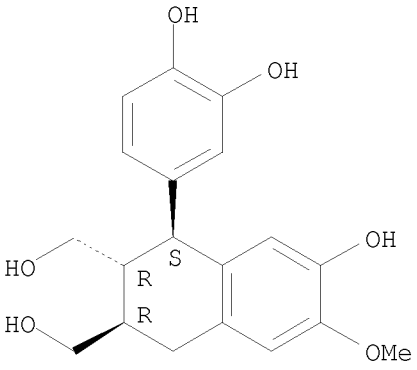
I

AB A medicine useful in treatments for and prevention of **osteoporosis** . The medicine for treatments for and prevention of **osteoporosis** contains as an active ingredient a compound represented by the formula (I; R1 represents C1-4 alkyloxy) or a medically acceptable salt or ester of the compound of the formula I. Of the compds. represented by I, the compound wherein R1 is CH3O is isotaxiresinol derived from Taxus yunnanensis. This compound functions to inhibit **bone** absorption and has physiol. activity in accelerating **bone** formation.

IT **26194-57-0DP**, Isotaxiresinol, derivs. and salts
26194-57-0P, Isotaxiresinol
RL: PAC (Pharmacological activity); PUR (Purification or recovery); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(Therapeutic/preventive agent for **osteoporosis** containing as component isotaxiresinol derived from Taxus yunnanensis)

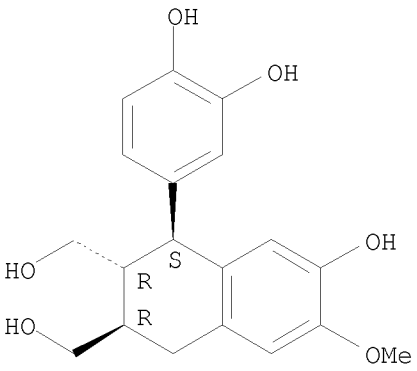
RN 26194-57-0 CAPLUS
CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-, (1S,2R,3R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



RN 26194-57-0 CAPLUS
CN 2,3-Naphthalenedimethanol, 1-(3,4-dihydroxyphenyl)-1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-, (1S,2R,3R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT